

105.4 Toxic Substances in Urine (powder form)

SRMs 2670a, 2671a and 2672a are for determining toxic substances

bottles -- two each at low and elevated levels. NOTE: The values listed for these SRMs apply only to reconstituted urine.

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Note: The values in parentheses are not certified. They are included for information only.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

	2670a	2670a	2670a	2670a	2671a	2671a	2671a	2671a	2672a	2672a	2672a	2672a
	Low Level		High Level		Low Level		Elevated Level		Low Level		Elevated Level	
	Quantity	Units	Quantity	Units	Quantity	Units	Quantity	Units	Quantity	Units	Quantity	Units
Element												
Aluminum	(4)	µg/L	(100)	µg/L	---	---	---	---	---	---	---	---
Antimony	0.971	µg/L	0.824	µg/L	---	---	---	---	---	---	---	---
Arsenic	(3)	µg/L	(220)	µg/L	---	---	---	---	---	---	---	---
Barium	(2)	µg/L	(2)	µg/L	---	---	---	---	---	---	---	---
Beryllium	---	---	(5)	µg/L	---	---	---	---	---	---	---	---
Cadmium	0.0591	µg/L	4.862	µg/L	---	---	---	---	---	---	---	---
Calcium	(29)	µg/L	(30)	mg/L	---	---	---	---	---	---	---	---
Cesium	1.075	µg/L	1.085	µg/L	---	---	---	---	---	---	---	---
Chloride	---	---	---	---	---	---	---	---	---	---	---	---
Chromium	(2)	µg/L	(20)	µg/L	---	---	---	---	---	---	---	---
Cobalt	0.166	µg/L	51.2	µg/L	---	---	---	---	---	---	---	---
Copper	(5)	µg/L	(110)	µg/L	---	---	---	---	---	---	---	---
Fluorin ^a	---	---	---	---	0.55	mg/L	5.7	mg/L	---	---	---	---
Gold	---	---	---	---	---	---	---	---	---	---	---	---
Iodine ^b	88.2	µg/L	88.2	µg/L	---	---	---	---	---	---	---	---
Lead	0.49	µg/L	233.2	µg/L	---	---	---	---	---	---	---	---
Magnesium	(21.0)	mg/L	(21.2)	mg/L	---	---	---	---	---	---	---	---
Manganese	(2.6)	µg/L	99	µg/L	---	---	---	---	---	---	---	---
Mercury	0.0663	µg/L	95.1	µg/L	---	---	---	(0.002)	mg/L	0.105	mg/L	---
Molybdenum	(17)	µg/L	114.1	µg/L	---	---	---	---	---	---	---	---
Nickel	(2)	µg/L	(100)	µg/L	---	---	---	---	---	---	---	---
Platinum	---	---	51.5	µg/L	---	---	---	---	---	---	---	---

Potassium	(410)	mg/L	(415)	mg/L	---	---	---	---	---	---	---	---
Selenium	8	µg/L	229.5	µg/L	---	---	---	---	---	---	---	---
Sodium	(856)	mg/L	(942)	mg/L	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---	---	---	---	---
Thallium	0.0162	µg/L	5.417	µg/L	---	---	---	---	---	---	---	---
Thorium	0.0053	µg/L	0.01606	µg/L	---	---	---	---	---	---	---	---
Tin	(<1)	µg/L	(89)	µg/L	---	---	---	---	---	---	---	---
Tungsten	(<1)	µg/L	(<1)	µg/L	---	---	---	---	---	---	---	---
Uranium	0.1020	µg/L	4.997	µg/L	---	---	---	---	---	---	---	---
Vanadium	(<1)	µg/L	(30)	µg/L	---	---	---	---	---	---	---	---
Zinc	(130)	µg/L	410	µg/L								

^aFlourine concentrations, as measured, are for Fluoride, mass concentration.

^bIodine concentrations, as measured, are for Iodide.

^cThese levels are not spiked, but are endogenous to the matrix.

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*Value is in µg/L.